

1/9/1

DIALOG(R)File 344:Chinese Patents ABS

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103225

PURIFICATION AND CONCENTRATION OF H<sub>2</sub>O<sub>2</sub>

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Number of Patents: 001

Patent Family:

CC Number	Kind	Date
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CN 85103225	A	870110 (Basic)
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Application Data:

CC Number	Kind	Date
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CN 85103225	A	850401
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Abstract: Dilute H<sub>2</sub>O<sub>2</sub> solution from extractive stage for preparation of H<sub>2</sub>O<sub>2</sub> by anthraquinone process, containing 20 to 30% of H<sub>2</sub>O<sub>2</sub>, is evaporated in an upward film evaporator, the resulting residual solution after diluting with deionized water is reevaporated in another upward film evaporator, the vapor from the two evaporation stages goes into a fractionating tower to be refined so as to obtain concentrated H<sub>2</sub>O<sub>2</sub>. 85 to 90% of the impurities ( by amount of carbon) can be removed and the recovery of product is from 95 to 97% (by amount of H<sub>2</sub>O<sub>2</sub>).

IPC: C01B-015/013